Docket No.
Q109-US1

Declaration and Power of Attorney For Patent Application

English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled
BRAZED CERAMIC SEAL FOR BATTERIES WITH TITANIUM-TITANIUM-6A 1-4V CASES

the specification of which

(check one)

☐ Is attached hereto.

☒ was filed on January 30, 2001 as United States Application No. or PCT International Application Number 09/774,450 and was amended on _____

(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Not Claimed


_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/>
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/>
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/>

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. *(list name and registration number)*

M. Elizabeth Bush, Reg. No. 38,462

Send Correspondence to: **M. Elizabeth Bush**
Qualilon LLC
P.O. Box 923127
Sylmar, CA 91392-3127

Direct Telephone Calls to: *(name and telephone number)*
M. Elizabeth Bush, 818-833-2883

Full name of sole or first inventor Douglas Alan Ruth, II	
Sole or first inventor's signature 	Date 4-29-03
Residence 460 South 1300 East, Pleasant Grove, UT 84062	
Citizenship US	
Post Office Address 460 South 1300 East, Pleasant Grove, UT 84062	

Full name of second inventor, if any Hisashi Tsukamoto	
Second inventor's signature	Date
Residence 28445 Via Joyce Drive, San Jose, CA 91350	
Citizenship JP	
Post Office Address 28445 Via Joyce Drive, San Jose, CA 91350	

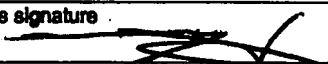
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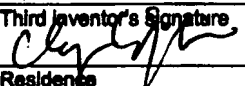
M. Elizabeth Bush, Reg. No. 38,402

Send Correspondence to: **M. Elizabeth Bush**
Quallion LLC
P.O. Box 923127
Sylmar, CA 91392-3127

Direct Telephone Calls to: *(name and telephone number)*
M. Elizabeth Bush, 818-833-2003

Full name of sole or first inventor Douglas Alan Ruth, II	
Sole or first inventor's signature	Date
Residence 460 South 1300 East, Pleasant Grove, UT 84062	
Citizenship US	
Post Office Address 460 South 1300 East, Pleasant Grove, UT 84062	

Full name of second inventor, if any Hisashi Tsukamoto	
Second inventor's signature 	Date 4-23-03
Residence 28445 Via Joyce Drive, Saugus, CA 91350	
Citizenship JP	
Post Office Address 28445 Via Joyce Drive, Saugus, CA 91350	

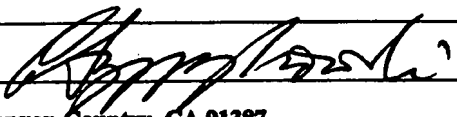
Full name of third inventor, if any Clay Kishiyama	
Third inventor's signature 	Date 4/29/03
Residence 1735 Rudell Road, Burbank, CA 91501	
Citizenship US	
Post Office Address 1735 Rudell Road, Burbank, CA 91501	

Full name of fourth inventor, if any Andrew Szyszkowski	
Fourth inventor's signature	Date
Residence 17029 Canvas Street, Canyon Country, CA 91387	
Citizenship US	
Post Office Address 17029 Canvas Street, Canyon Country, CA 91387	

Full name of fifth inventor, if any	
Fifth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	

Full name of sixth inventor, if any	
Sixth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	

Full name of third inventor, if any Clay Kishiyama	
Third inventor's signature	Date
Residence 1735 Rudell Road, Burbank, CA 91501	
Citizenship US	
Post Office Address 1735 Rudell Road, Burbank, CA 91501	

Full name of fourth inventor, if any Andrew Szyszkowski	
Fourth inventor's signature 	Date 5-1-03
Residence 17029 Canvas Street, Canyon Country, CA 91387	
Citizenship US	
Post Office Address 17029 Canvas Street, Canyon Country, CA 91387	

Full name of fifth inventor, if any	
Fifth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	

Full name of sixth inventor, if any	
Sixth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	



STATEMENT UNDER 37 CFR 3.73(b)

Applicant: Hisashi Tsukamoto et al.

Application No.: 09/774,450 Filed: January 30, 2001

Entitled: BRAZED CERAMIC SEAL FOR BATTERIES WITH TITANIUM-TITANIUM-6A 1-4V CASES

Quallion LLC

(Name of Assignee)

a Limited liability company

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

In the patent application identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 012114, Frame 0527, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

4-23-2003

Date

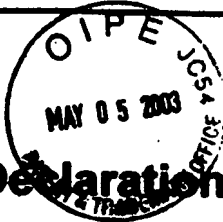
Signature

Hisashi Tsukamoto

Typed or printed name

CEO and CTO

Title



Docket No.
Q109-USA

Declaration and Power of Attorney For Patent Application

English Language Declaration

As a below named inventor, I hereby declare that:

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I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled
BRAZED CERAMIC SEAL FOR BATTERIES WITH TITANIUM-TITANIUM-6Al-4V CASES

the specification of which

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☐ was filed on _____ as United States Application No. or PCT International Application Number _____ and was amended on _____

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Priority Not Claimed

(Number)

(Country)

(Day/Month/Year Filed)

☐

(Number)

(Country)

(Day/Month/Year Filed)

☐

(Number)

(Country)

(Day/Month/Year Filed)

☐

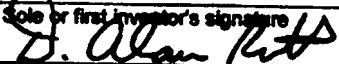
15


POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. *(list name and registration number)*

Arthur Freilich, Reg. No. 19,281

Send Correspondence to: Art Freilich
Qualion, LLC
P.O. Box 905
Santa Clarita, California 91380-9005

Direct Telephone Calls to: *(name and telephone number)*
(661) 775-3995

Full name of sole or first inventor DOUGLAS ALAN RUTH, II	
Sole or first inventor's signature 	Date 26 JAN 2001
Residence 18302 Oak Canyon Rd. #116, Canyon Country, California 91351	
Citizenship U.S.A.	
Post Office Address	

Full name of second inventor, if any HISASHI TSUKAMOTO	
Second inventor's signature 	Date Jan 30 2001
Residence 28445 Via Joyce Drive, Saugus, California 91350	
Citizenship Japan	
Post Office Address	

Full name of third inventor, if any Clay Kishiyama	
Third inventor's signature <i>Clay Kishiyama</i>	Date 1/25/01
Residence 23520 Magic Mountain Pkwy #906, Valencia, California 91355	
Citizenship U.S.A.	
Post Office Address	

Full name of fourth inventor, if any Andrew Szyszkowski	
Fourth inventor's signature <i>Andrew Szyszkowski</i>	Date 1/25/01
Residence 17029 Canvas Street, Canyon Country, California 91351	
Citizenship U.S.A.	
Post Office Address	

Full name of fifth inventor, if any Roger Pisrawongs	
Fifth inventor's signature <i>Roger Pisrawongs</i>	Date 1/26/01
Residence 13851 Paddock St. Sylmar, California 91342	
Citizenship U.S.A.	
Post Office Address	

Full name of sixth inventor, if any	
Sixth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	



NOVEMBER 01, 2001



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

PTAS



101883130A

ARTHUR FREILICH
P.O. BOX 923127
12744 SAN FERNANDO ROAD
BLDG. #4
SYLMAR, CA 91392

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/27/2001

REEL/FRAME: 012114/0527
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

RUTH, DOUGLAS ALAN, II

DOC DATE: 07/26/2001

ASSIGNOR:

TSUKAMOTO, HISASHI

DOC DATE: 07/30/2001

ASSIGNOR:

KISHIYAMA, CLAY

DOC DATE: 07/31/2001

ASSIGNOR:

SZYSZKOWSKI, ANDREW

DOC DATE: 07/30/2001

ASSIGNOR:

PISARNWONGS, ROGER

DOC DATE: 07/30/2001

ASSIGNEE:

QUALLION LLC
12744 SAN FERNANDO BLVD., BLDG. #4
P.O. BOX 923127
SYLMAR, CALIFORNIA 91392

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NOV 20 2001

John

012114/0527 PAGE 2

SERIAL NUMBER: 09774450
PATENT NUMBER:

FILING DATE: 01/30/2001
ISSUE DATE:

DIANE RUSSELE, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



11-01-2001



101883130

cket No.: Q109-USA

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks: Please return the attached original documents or copy thereof.

1. Name of conveying party(ies):

Douglas Alan Ruth II
Hisashi Tsukamoto
Clay Kishiyama
Andrew Szyszkowski
Roger Pisarnwongs

8-27-01

Additional names(s) of conveying party(ies) ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Qualion LLC

Internal Address: P.O. Box 923127

Street Address: 12744 San Fernando Blvd.

Bldg. #4

City: Sylmar State: CA ZIP: 91392

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: 7/26/01, 7/30/01, 7/31/01

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

B. Patent No.(s)

09/774,450

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Arthur Freilich

Internal Address: P.O. Box 923127

Street Address: 12744 San Fernando Road

Bldg. #4

City: Sylmar State: CA ZIP: 91392

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ 40.00

- ☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account
☒ Authorized to be charged to deposit account

8. Deposit account number:

50-0921

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Arthur Freilich, Reg. No. 19,281

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 5

Assignment of Rights, Title and Interest in Invention
(Multiple inventors; single assignee)

Docket No.
Q109-USA

This is an Assignment of the following rights, title and interest: (check all that apply):

☒ *United States of America rights, title and interest in the invention*

☐ *Foreign rights, title and interest in the invention*

☒ *United States Patent Application Serial No. 09/774,450*

Date of Execution: 7/28/01, 7/30/01, 7/31/01 Date of Filing: January 30, 2001

☒ *United States Provisional Patent Application Serial No. 60/179,764*

☐ *United States Patent No(s).*

☐ *International (PCT) Patent Application Serial No.*

☐ *Other (specify)*

Title of the Invention

BRAZED CERAMIC SEAL FOR BATTERIES WITH TITANIUM-TITANIUM-6A 1-4V CASES

Inventors (assignors)

<i>Name</i>	<i>Address</i>
Douglas Alan Ruth II	820 West 880 North, Orem, UT 84057
Hisashi Tsukamoto	28445 Via Joyce Drive, Saugus, CA 91350
Clay Kishiyama	24711 Riverchase Drive #5107, Valencia, CA 91355
Andrew Szyzkowski	17029 Canvas Street, Canyon Country, CA 91351
Roger Pisamwongs	13851 Paddock Street, Sylmar, CA 91342

Assignee

<i>Name</i>	<i>Address</i>
Qualion LLC	12744 San Fernando Road, Bldg. #4 P.O. Box 923127 Sylmar, CA 91392-3127

22

Assignment of Rights, Title and Interest in Invention
(Multiple inventors; single assignee)

Docket No.
Q109-USA

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

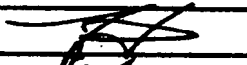



Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

Name	Signature/Date
Douglas Alan Ruth II	
Hisashi Tsukamoto	 7-30-01
Clay Kishiyama	 7/31/01
Andrew Szyszkowski	 7/30/01
Roger Pisamwongs	 7/30/01

23

**Assignment of Rights, Title and Interest in Invention
(Multiple inventors; single assignee)**

Docket No.
Q109-USA

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

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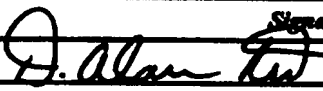
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Name	Signature/Date
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Hisashi Tsukamoto	
Clay Kishiyama	
Andrew Szyszkowski	
Roger Pisamwongs	

24